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INTERNATIONAL SEARCH REPORT

Intern

Application No.

PCT

03/11130

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B32B27/28 B32B1/08 F16L11/04 F16L11/12 B32B7/02
B32B7/04

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B32B F16L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal. WPI Data. PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 96 00657 A (CADILLAC RUBBER AND PLASTICS, INC.) 11 January 1996 (1996-01-11)	1-4, 6-8, 10-20, 22-24, 26
Y	page 2, line 27 -page 4, line 11 page 10, line 5-42; figure 1 ---	9
X	US 5 641 445 A (DUKES GLENN V ET AL) 24 June 1997 (1997-06-24) column 5, line 63 -column 6, line 51; figure 3 ---	1-4, 15-23
X	WO 02 16131 A (DYNEON LLC) 28 February 2002 (2002-02-28) page 6, line 12 -page 7, line 14; table 2 ---	1, 15, 23
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

10 July 2003

Date of mailing of the international search report

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Name and mailing address of the ISA
European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer _____

Schweissguth, M

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Y	US 5 588 469 A (KAKIUCHI DAISUKE ET AL) 31 December 1996 (1996-12-31) column 3, line 8-12 ---	1-4, 15, 23
Y	EP 1 096 190 A (TOKAI RUBBER IND LTD) 2 May 2001 (2001-05-02) paragraphs '0010!-'0017! ---	1-4, 15, 23
Y	US 6 106 914 A (KANBE SHINOBU ET AL) 22 August 2000 (2000-08-22) column 17, line 41 ---	9
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A	PATENT ABSTRACTS OF JAPAN vol. 016, no. 474 (M-1319), 2 October 1992 (1992-10-02) & JP 04 171383 A (TOYODA GOSEI CO LTD), 18 June 1992 (1992-06-18) abstract ---	1-26
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